



Fig. 1. *Azotus chionaspidis*, right fore-wing, greatly enlarged.

***Azotus chionaspidis* n. sp.**

*Female*: Length, exclusive of ovipositor, 0.61 mm.; expanse 1.19 mm.; greatest width of fore-wing 0.136 mm. General color dull light brown; mesoscutum and scutellum lustrous metallic green, shagreened; head from above lighter than rest of body; eyes bright red; funicle joints two and four silvery white, rest of antennæ dark brown; all legs brown, lighter at knees, middle tibiæ lighter towards tip, tarsi white with terminal joint dusky. Fore-wings irregularly infuscated as in accompanying figure which also shows the distribution of bristles and discal cilia; hind-wings slightly infuscated for basal half.

*Male*: Unknown.

Described from a single female reared by Prof. S. I. Kuwana, Tokio, Japan, August 17, 1909, from *Chionaspis difficilis*.

*Type*: No. 18323, U. S. N. M.

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**NEW PARASITIC HYMENOPTERA FROM BRITISH GUIANA.**

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**(*Telenomus*) *Prophanurus minutissimus* Ashmead.**

A large series of this species was bred from the eggs of *Lycophotia infecta*, in British Guiana, by Mr. G. E. Bodkin. When the species was originally described the host was given as *Dactylopius* species; this record is very probably erroneous as the species of this group, so far as they have been bred, are egg parasites.

***Prophanurus alecto* n. sp.**

*Female*: Length about 0.7 mm. Black, with flattened form, the vertex horizontal, posterior orbits broad, not carinate; antennæ reddish-testaceous, the pedicel about as long as the first two joints of the funicle combined,

the first three joints of funicle subquadrate, the fourth transverse, the club five jointed; mesoseutum rather coarsely and closely punctured; scutellum similarly punctured but the disk smooth and polished; legs brown with the bases and apices of femora and tibiae, and the tarsi entirely, lighter; first abdominal segment striate at base, second with a basal row of pits and beyond this a few short striæ medially.

*Male*: Length about 0.7 mm. Similar to the female; the antennæ flavous, pedicel longer than first joint of funicle; the first three joints of funicle almost subequal in length, slightly longer than broad; the following joints transverse, the last conical; legs, except coxæ, flavous, the femora slightly infuscated; striæ on second abdominal segment beyond the basal pits, longer and more numerous than in female.

*Type-locality*: Plantation La Bonne Intention, British Guiana. Other locality: Plantation Oitvlugt, British Guiana.

*Host*: Eggs of *Diatraea saccharalis*.

The series from the type locality contains six females and one male with the date February 2, 1913; from the other locality one female and eight males, with the date January 31, 1913, all collected by Mr. G. E. Bodkin.

*Type*: Cat. No. 18170, U. S. N. M.

This species is near to (*Telenomus*) *Prophanurus impressus* Ashmead to which it runs in his table<sup>1</sup> but differs in the flattened head and the dark legs of the female, etc.

#### ***Prophanurus thais* n. sp.**

*Female*: Length about 0.9 mm. Black, the legs, except the dark front coxæ, testaceous; head transverse, the posterior orbits very narrow, carinate; face reticulated; scape testaceous, funicle light brown, becoming darker apically; club five-jointed, dark brown; pedicel and first joint of funicle subequal in length, following joints of funicle subquadrate; mesoseutum with coarse punctures, the extreme rear smooth, the scutellum smooth; first abdominal segment rugose almost to apex, second segment with basal row of pits but beyond them smooth.

*Male*: Length about 0.9 mm. Similar to the female, the antennæ testaceous shading into brown on apical half of funicle; pedicel about as long as third joint of funicle, distinctly shorter than the first, the first and second subequal; fourth joint of funicle longer than broad, the following joints subquadrate; the last twice as long as broad.

*Type-locality*: Georgetown, British Guiana. Described from 15 specimens bred July 7, 1912, from the eggs of a large pentatomid by Mr. G. E. Bodkin.

*Type*: Cat. No. 18171, U. S. N. M.

<sup>1</sup> Journ. Linn. Soc. Lond., 2, vol. xxv, 1894, pp. 201-203.

**Aphanurus bodkini** n. sp.

*Female:* Length 2 mm. Black, the face finely reticulated and with sparse large punctures; the antennal scrobes transversely rugose, the vertex carinate, the carina on each side extending down the posterior orbits; scape, pedicel, and first joint of funicle reddish honey-color, the rest of the antennæ dark brown, the club composed of six segments; first joint of funicle longer than the pedicel; second joint subquadrate, the third transverse; mesoscutum and scutellum irregularly rugose; the scutellum with a row of pits at apex; metanotum with a middle raised area extending over the propodeum and carinate at apex; this area with three or four longitudinal carinæ; the legs, except the black coxæ, entirely reddish honey-color; first abdominal segment with strong carinæ extending to apex, the second segment slightly wider than long, at base with a row of pits, beyond finely longitudinally rugose for about two-thirds its length.

*Male:* Length 1.75 mm. Similar to the female but the antennæ and legs more yellowish, third joint of antennæ twice as long as pedicel, strongly clavate, fourth and fifth joints also clavate, sixth and following joints distinctly narrower than the fifth and successively narrowing making the antennæ distinctly attenuate.

Described from eighteen females and two males from British Guiana, bred October 9, 1913, from the eggs of *Empicoris variolosus* by Mr. G. E. Bodkin.

*Type:* Cat. No. 18174, U. S. N. M.

**Chalcis pandora** n. sp.

*Female:* Length about 5 mm. Black, head and dorsum of thorax coarsely umbilicately punctured; carina at the front of the malar space running direct to the eye; scutellum with the apical edge rather strongly produced and flat, the plate covered by yellowish pubescence; tegulæ white; legs black; apical half front femora and front tibiæ, except a spot on middle of lower side, light yellowish; mid-femora at apex and the mid-tibiæ, except an elongated black stripe on lower side, light yellowish; hind femora with light yellowish spot at apex; hind tibiæ above with a light yellowish stripe narrowed medially; tarsi, except apices, light yellowish; lower margin of hind femora near base with a large tooth and between this and the apex about eight or nine small teeth; inner side of hind femora finely punctured, the lower margin near the middle with a distinct tubercle; hind coxæ on inner side below with a distinct tubercle near middle; first abdominal segment smooth, the following segments finely punctured and with sparse light yellowish hairs becoming more abundant toward apex of abdomen.

*Male:* Length about 4.5 mm. Similar to the female except for secondary sexual characters.

Described from six specimens from British Guiana, bred April 19, 1913, from larva of a hesperid by Mr. G. E. Bodkin.

*Type:* Cat. No. 18175, U. S. N. M.

Among the secondary sexual characters in this genus, are the tubercles on the hind-coxæ and on the lower inner margin of hind femora, so these characters mentioned for the female will not be found in the male.

**Holcencyrtus calypso** n. sp.

*Female:* Length about 0.87 mm. Face bronzy æneous, frons greenish; mesoscutum green, scutellum bronzy æneous with the apex green; abdomen æneous; face and frons reticulate, vertex sharply carinate behind; lateral ocelli about their own width from eye margin; face produced below, the malar space being almost as long as the eye; antennæ dark brown, clavate; funicular joints subquadrate, the pedicel as long as joints one and two of funicle combined; club about as long as the last three joints of funicle combined; mesoscutum and scutellum reticulate, the former more distinctly and coarsely so; scutellum with a distinct medial longitudinal depression at base; wings hyaline; legs brown, knees, tibiæ at apices and tarsi reddish-testaceous.

Described from many specimens from British Guiana, bred July 20, 1913, from the larvæ of *Calpodès ethlius* by Mr. G. E. Bodkin.

*Type:* Cat. No. 18172, U. S. N. M.

**Elachertus meridionalis** n. sp.

*Female:* Length 1.75 mm. Black, the head with green and purplish tints, the abdomen with a large whitish spot near base; frons finely lineolate and with a few scattered, large punctures; scape testaceous, pedicel light brown, rest of antennæ dark brown; first joint of funicle longer than pedicel; mesoscutum finely irregularly rugose, almost obscuring the parapsidal furrows; axillæ finely lineolate; scutellum finely longitudinally aciculate; metanotum long, smooth; propodeum about twice as long as the metanotum, with a strong median carina; legs whitish, the coxæ almost entirely brown, the hind femora and hind tibiæ with about the apical half brown.

*Male:* Length 1.5 mm. Similar to the female but with less intense brown on the hind femora and tibiæ.

Described from eighteen specimens from British Guiana, reared August 20, 1913, from the larvæ of *Calpodès ethlius* by G. A. Bodkin.

*Type:* Cat. No. 18173, U. S. N. M.